

Order No.: 5XE7D37N08MB | GTIN (EAN): 4058352898017

Product description: SL21md,ST1.0a,18270lm730,NEMA7



Streetlight SL 21 midi, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, LED, 3G 2.5mm<sup>2</sup>, High Power LED, rated luminous flux: 18.270lm, luminous efficacy: 134lm/W, light colour: 730, colour temperature: 3000K, control: overheat protection, presetting dimming linear, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, mains connection: 220..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 12,5m, wiring characteristics: H05VV-F, start of lifetime: 136W, end of service life: 142W, reduction: 61W, luminaire housing, of diecast aluminium (EN AC-44300), powder-coated, Siteco® metallic grey (DB 702S), corrosivity category C5 mid according to DIN EN ISO 12944, multi-level sealing system, sealing non-destructively replaceable, inclination adjustable: 0°, 5°, 10°, 15°, length: 644mm, width: 335mm, height: 110mm, spigot size: 42mm (side-entry), protection rating (complete): IP66, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, ENEC+, VDE, impact resistance: IK09, permissible operating ambient temperature for outdoor applications: -40..+50°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 9.7  
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**Detailed technical description:** SL21md,ST1.0a,18270lm730,NEMA7



#### Key data

- Product type: mast luminaire
- Product name: Streetlight SL 21 midi
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#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 18270lm
- Luminous efficacy: 134lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 136
- Rated input power end service life: 142
- Rated input power at 50% lumin. flux: 61

#### Operating device:

- Control: NEMA (7pin)
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, presetting dimming linear

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK09
- Temperature range (operation): -40..+50°C
- Supplement: standard-compliant lighting for roads and squares
- Corrosion protection: corrosivity category C5 mid according to DIN EN ISO 12944
- Certification, designation: CE, ENEC, ENEC+, VDE

#### Material, Colour

- luminaire housing: diecast aluminium (EN AC-44300), powder-coated, Siteco® metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10°, 15°, sealing non-destructively replaceable, multi-level sealing system
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

#### Mounting

- Mounting method, mounting location: side-entry, on mast
- Supplement: with pre-assembled mast flange

#### Electrical connection

- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 10kV 1.2/50µs
- Connection cable: pre-assembled, L= 12.5m

#### Dimensions, Weight

- Length: 644mm
- Width: 335mm
- Height: 110mm
- Weight: 9.7kg
- Mast spigot: spigot size: 42mm (side-entry)

#### Light emission

- Light emission: 0% at 0° inclination

#### Service life

- Rated service life: 100000h (L97/B10) at AT = 25°C

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